PIKE 1068E

Flexible storage options for end users

The ASUS PIKE 1068E allows you to create RAID 0, RAID 1, RAID 1E sets from SAS hard disk drives connected to the SAS connectors on the motherboard.

Flexible storage options for end users

1. ASUS PIKE interface 1 : PCI-E x8
2. ASUS PIKE interface 2: 8-port SAS signal with SGPIO interface*
3. SAS RAID card status LED (lights up and blinks to indicate that the card is working normally)

* The SGPIO interface is used for visiblity into drive activity, failure and rebuild status, so that users could build high-performance and reliable storage systems. Refer to the motherboard manual for detailed information about usingthe SGPIO connectors on the motherboard.

- For PIKE 1068E SAS RAID card, a heatsink installed on the LSISAS 1068E controller.
- Optional PIKE 1068E (8-port SAS RAID Card) is available for SAS RAID support
- PIKE card enables on-demand upgrade, and allows customers to invest on basic SKUs for current use
- Reduce qualification resource and inventory management efforts
- Multiple I/O solutions are available without occupying slot 6 in 1U chassis

Package Contents

- ASUS PIKE 1068E SAS RAID card
- Support CD
- User Guide
- SGPIO cable x 2 (Optional)

System Requirement

- Workstation or server motherboard with PIKE RAID card slot
- SAS or SATA hard disk drives and cables
- Supporting Windows® and Linux Operating systems
- Appropriate thermal solution
- Certified power supply module

Specifications

Chipset	LSISAS 1068E
Interface	ASUS PIKE interface
Ports	8 ports
RAID levels	RAID 0/ RAID 1/ RAID 1E
Devices supported	SAS and SATA II devices
Data transfer rate	SATA II and SAS 3Gb/s per PHY
Form factor	6.44 in x 1.57 in (1U Compatible)
Operating Systems	Windows(R) Server 2008R2/ 2008/ 2003/ 2000/ XP/ Vista Red Hat(R) Enterprise Linus 3/4/5 SUSE Linus Enterprise Server 8/9/10
Support	LSI MegaRAID Storage Manager (MSM) Windows(R)/ Linux operating systems Server Motherboard Support: *Z8PH-D12 SE/QDR *Z8PE-D18 *Z8PE-D12X *Z8PE-D12 *Z8NR-D12 *Z8NA-D6 *P7F7-E *DSAN-DX *KGPE-D16
Note	Server System Support: *RS704D-E6/PS8 *RS702D-E6/PS8 *RS700D-E6/PS8 *RS700D-E6/RS8 *RS700-E6/ERS4 *RS500-E6/PS4 *RS720-E6/RS12 *RS520-E6/ERS8 *RS300-E6/PS4 *RS300-E6/PS2 *TS700-E6/RS8 *TS500-E6/PS4 *TS300-E6/PS4 *RS160-E5

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